



03-19-04 1 page

Express Mail No. ER534275277US
Attorney Docket No.: AM-2602.Y1

RCE/1790

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Jeng H. Hwang et al.

SERIAL NO.: 10/057,674

FILED: January 24, 2002

FOR: MASKING METHODS AND ETCHING SEQUENCES
FOR PATTERNING ELECTRODES
OF HIGH DENSITY I RAM CAPACITORS

§ GROUP ART UNIT: 1756

§ EXAMINER: N. Barreca

§ Attorney Docket No.:
§ AM-2602.Y1

Date: March 18, 2004

REQUEST FOR CONTINUED EXAMINATION UNDER 37 CFR § 1.114
TRANSMITTAL LETTER

Hon. Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith is applicants' Request for Continued Examination under 37 CFR § 1.114. This Request for Continued Examination is being submitted in response to the final Office Action mailed October 3, 2003, having a shortened statutory period for response of January 3, 2004, and to the Advisory Action mailed January 6, 2004. This Request for Continued Examination is accompanied by a Petition for a Three Month Extension of Time, in order to extend the period for response through April 5, 2004.

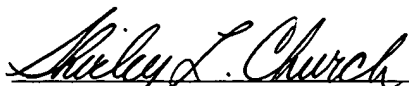
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01 FC:1801 770.00 DA
02 FC:1201 172.00 DA
03 FC:1202 144.00 DA

CERTIFICATE OF MAILING UNDER 37 CFR § 1.10

I hereby certify that this paper is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as U.S. EXPRESS MAIL NO. ER534275277US in an envelope addressed to: Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: March 18, 2004


Shirley L. Church, Reg. No. 31,858

CLAIMS AS AMENDED

	<u>CLAIMS REMAINING AFTER AMENDMENT</u>		<u>INCLUDED WITH BASIC FEE</u>	<u>PRESENT EXTRA</u>		<u>RATE</u>	<u>ADDITIONAL FEE</u>
TOTAL CLAIMS	28	minus	20	8	x	\$ 18.00	\$ 144.00
INDEPENDENT CLAIMS	5	minus	3	2	x	\$ 86.00	\$ 172.00
MULTIPLE DEPENDENT CLAIMS (if first presented)			0			\$ 290.00	\$ 00.00
REQUEST FOR CONTINUED EXAMINATION FEE							\$ 770.00
THREE MONTH EXTENSION OF TIME							\$ 950.00
						TOTAL FEE DUE	\$ 2,036.00

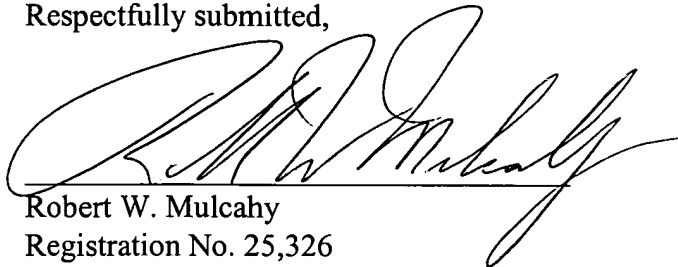
Also submitted herewith is applicants' Amendment "D", in response to the final Office Action mailed October 3, 2003.

The Commissioner is hereby authorized to charge the amount of \$ 2,036.00, in payment of the fee of \$ 770.00 under 37 CFR § 1.17(e) for filing of a Request for Continued Examination, the fee of \$ 950.00 for a three month extension of time, and the fee of \$ 316.00 for additional claims, as well as any additional fees which may be due, and to credit any overpayment, to Deposit Account 50-1074 of Applied Materials, Inc., Santa Clara, California.

This transmittal letter is submitted in duplicate for accounting purposes.

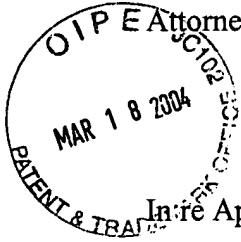
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Attorney Docket No.: AM-2602.Y1

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'R. W. Mulcahy', written over a horizontal line.

Robert W. Mulcahy
Registration No. 25,326
Attorney for Applicants

Correspondence Address:
Patent Counsel
Applied Materials, Inc.
P.O. Box 450-A
Santa Clara, California 95052



Attorney Docket No.: AM-2602.Y1

U.S. Express Mail No. ER534275277US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Jeng H. Hwang et al.

Serial No.: 10/057,674

Filed: January 24, 2002

Title: MASKING METHODS AND ETCHING
SEQUENCES FOR PATTERNING ELECTRODES
OF HIGH DENSITY RAM CAPACITORS

§ Group Art Unit: 1756

§

§ Examiner: N. Barreca

§

§

§ Attorney Docket No.:

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AM-2602.Y1

§

§

Date: March 18, 2004

REQUEST FOR CONTINUED EXAMINATION UNDER 37 CFR § 1.114

Hon. Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

Sir:

This Request for Continued Examination under 37 CFR § 1.114 is being submitted in response to the final Office Action mailed October 3, 2003, having a shortened statutory period of response of January 3, 2004, and to the Advisory Action mailed January 6, 2004. This Request for Continued Examination is accompanied by a Petition for a Three Month Extension of Time, to extend the period for response through April 5, 2004.

CERTIFICATE OF MAILING UNDER 37 CFR § 1.10

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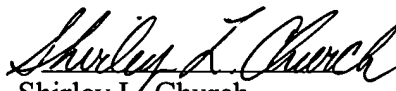
Date: March 5, 2004


Shirley L. Church, Reg. No. 31,858

Applicants' Amendment "C" was submitted to Examiner Barreca on December 3, 2003. In an Advisory Action mailed January 6, 2004, the Examiner indicated that applicants' previously submitted Amendment "C" would not be entered, as it raised new issues that would require further consideration and/or search. In response, applicants are submitting this Request for Continued Examination and an Amendment "D".

Applicants have authorized the Commissioner to charge the fees due for filing the present Request for Continued Examination in the Transmittal Letter which accompanies this Request.

Respectfully Submitted,


Shirley L. Church
Registration No. 31,858
Attorney for Applicants
(650) 473-9700

Correspondence Address:
Patent Counsel
Applied Materials, Inc.
P.O. Box 450 A
Santa Clara, CA



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Jeng H. Hwang et al.

SERIAL NO.: 10/057,674

FILED: January 24, 2002

FOR: MASKING METHODS AND ETCHING
SEQUENCES FOR PATTERNING ELECTRODES
OF HIGH DENSITY RAM CAPACITORS

§ GROUP ART UNIT: 1756
§
§ EXAMINER: N. Barreca
§
§
§
§
§ Attorney Docket No.:
§ AM-2602.Y1

Date: March 18, 2004

AMENDMENT "D"

**Hon. Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450**

Sir:

This Amendment "D" is in response to the Advisory Action mailed January 6, 2004. This Amendment "D" is being submitted with a Request for Continued Examination under 37 CFR § 1.114.

Claims 1 - 28 are pending in the application.

CERTIFICATE OF MAILING UNDER 37 CFR § 1.10

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Date: March 18, 2004


Shirley L. Church, Reg. No. 31,858

Claims 1, 10, 11, and 13 - 16 are rejected under 35 USC § 102(e) as being anticipated by U.S. Patent No. 6,143,476, to Ye et al.

Claims 1, 10, 12 - 15, 17, and 22 are rejected under 35 USC § 102(b) as being anticipated by U.S. Patent No. 5,515,984, to Yokoyama.

Claims 22, 23, and 25 - 28 are rejected under 35 USC § 102(e) as being anticipated by U.S. Patent No. 6,004,882, to Kim et al.

Claims 12 and 17 are rejected under 35 USC § 103(a) as being unpatentable over Ye et al.

Claims 2 - 5 are rejected under 35 USC § 103(a) as being unpatentable over Ye et al., as applied to Claim 1, and further in view of U.S. Patent No. 6,046,113, to Hong et al.

Claim 19 is rejected under 35 USC § 103(a) as being unpatentable over Ye et al., in view of U.S. Patent No. 4,456,675, to Anderson, Jr. et al. and U.S. Patent No. 5,948,570, to Kornblit et al.

Claims 6, 9, and 18 are rejected under 35 USC § 103(a) as being unpatentable over Ye et al., as applied to Claim 1, and further in view of U.S. Patent No. 5,591,671, to Kim et al.

Claims 7 and 8 are rejected under 35 USC § 103(a) as being unpatentable over Ye et al., in view of Hong et al., as applied to Claims 2 or 4, and further in view of Kim et al.

Claim 21 is rejected under 35 USC § 103(a) as being unpatentable over Ye et al., in view of Anderson, Jr. et al. and Kornblit et al., as applied to Claim 19, and further in view of Kim et al.

Claim 20 is rejected under 35 USC § 103(a) as being unpatentable over Ye et al., in view of Anderson, Jr. et al. and Kornblit et al., as applied to Claim 19, and further in view of U.S. Patent No. 5,613,296, to Kurino et al.

Please amend the application as follows.